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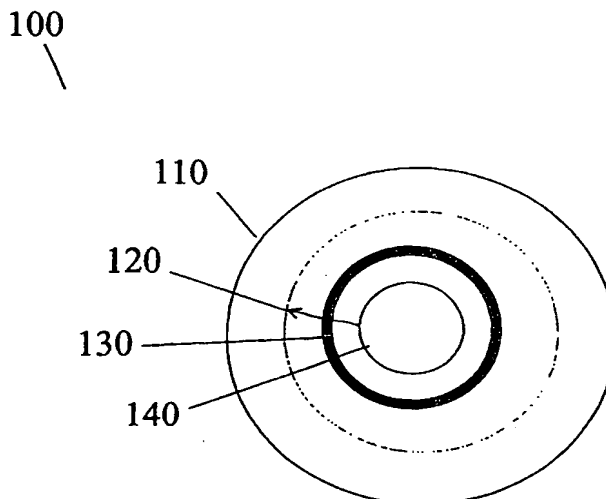
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(54) Title: **MYOPIA CORRECTION ENHANCING BIODYNAMIC ABLATION**



(57) **Abstract**: This invention is directed to a method for providing a LASIK or a LASEK myopia vision correction, and to a medium that has stored therein an instruction for directing a laser vision correcting laser platform to deliver a controlled biodynamic ablation according to the invention. A known biodynamic response of the eye is induced by performing a controlled laser ablation in a cornea of the eye outside of an optical zone for the nominal ablation in a laser vision correction surgery. An ablation ring, or portion thereof, outside of the optical zone produces a biodynamic flattening of the central region of the cornea which in turn provides for a decreased depth of volumetric ablation to correct a myopic refractive defect of the eye. Such controlled biodynamic flattening may provide the opportunity for laser vision correction in patients whose corneas would otherwise be too thin post-operatively to warrant laser vision correction.